

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	59	"711"/\$.ccls. and (non-volatile adj1 memory) and (object near2 data) and (power with (on or off))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 12:33
S2	2	("5964813").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 13:36
S3	3	(SRAM same NRAM same EEPROM) and (stor\$3 with (program\$1 or instruction\$1 or code\$1)) and (numerator or denominator) and flag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 12:35
S4	3	("20020123833"   "5745864"   "5964813").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 12:46
S5	48	(non-volatile same EEPROM same ROM same RAM) and (power near2 (on or off)) and (writ\$3 with process)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 13:07
S6	155	(non-volatile same EEPROM same ROM same RAM) and (backup with RAM)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 13:54
S7	950	(701/35).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 14:12
S8	12	("5243561"   "5276839"   "5278759"   "5550710"   "5551068"   "5630139"   "5692138"   "5712969"   "5726638"   "6128560"   "6181992"   "6202123").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 14:53
S9	2176	711/103	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 06:52
S10	4942	non-volatile and increment and flag	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 14:54
S11	72	S9 and S10	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 14:54
S12	72	"711"/\$.ccls. and EEPROM and (backup with RAM)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 07:47

## EAST Search History

S13	16	"711"/\$.ccls. and non-volatile and EEPROM and ((control\$4 with engine) same vehicle)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 08:12
S14	88	(non-volatile same EEPROM) and ((RAM with "battery backup") same ROM)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 08:15
S20	19	to-tuan.xa.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 08:18
S21	317	to-tuan-c.xa.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 08:18
S26	5622	365/189.01	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 10:24
S27	0	S26 and (EEPROM same ROM same RAM) and backup and updated and (writ\$4 with (data or "object data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 10:22
S28	13	S26 and (EEPROM same ROM same RAM) and backup and (writ\$4 with (data or "object data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 10:22
S29	1505	365/185.01	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 10:24
S30	935	S29 and EEPROM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 10:24
S31	23	S30 and (execut\$3 with write) and non-volatile and (RAM same ROM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 10:37
S32	2194	365/189.04	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 10:37

## EAST Search History

S33	228	("365"/\$.ccls. or "711"/\$.ccls.) and (((non-volatile near2 memory) or EEPROM or ROM) same RAM) and backup and (execut\$3 near2 (program\$1 or instruction\$1)) and ((writ\$3 with data) same (EEPROM or ROM or RAM))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 11:45
S34	1970	365/185.29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 11:44
S35	163812	diagnos\$3 and O	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 11:46
S36	1	diagnos\$3 and (OBD-II or (on?board with diagnos\$4)) and (EEPROM same (writ\$3 or read\$3)) and ((SRAM or NRAM) with ROM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 11:48
S37	1	((sens\$3 or detect\$3) with (engine or "fuel injectors" or igniter)) and (OBD-II or (on?board with diagnos\$4)) and (EEPROM same (writ\$3 or read\$3)) and ((SRAM or NRAM) with ROM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 11:50
S38	35	((sens\$3 or detect\$3) with (engine or "fuel injectors" or igniter)) and (EEPROM same (writ\$3 or read\$3)) and ((SRAM or NRAM) with ROM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 11:50
S39	10	("5283905"   "5384747"   "5581464"   "5604709"   "5610800"   "5680570"   "5696917"   "5798961"   "6246933"   "6375343").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 13:32
S40	2147	711/162	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 13:32
S41	0	S40 and (NRAM with SRAM)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 13:32
S42	77	S40 and (RAM with SRAM)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 13:33
S43	47	S42 and EEPROM	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 13:33

## EAST Search History

S44	2	("20040093137").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 10:21
S45	0	"20040093137" and "implementation means"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 10:22
S46	0	S44 and "implementation means"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 10:22
S47	1	S44 and "preliminary write"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 10:22
S48	1386	("701"/\$.ccls. or "365"/\$.ccls. or "711"/\$.ccls. or "712"/\$.ccls.) and (stor\$3 near2 (data or "object data")) and (memory with EEPROM) and increment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 07:18
S49	616	S48 and (ROM same (RAM or SRAM))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 07:45
S50	435	S49 and counter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 07:45
S51	987	("701"/\$.ccls. or "365"/\$.ccls. or "711"/\$.ccls. or "712"/\$.ccls.) and (non-volatile near2 memory) same (power with (on or off))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 07:19
S52	987	("701"/\$.ccls. or "365"/\$.ccls. or "711"/\$.ccls. or "712"/\$.ccls.) and ((non-volatile near2 memory) same (power with (on or off)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 07:34
S53	164	S52 and (updat\$3 with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 07:50

## EAST Search History

S54	12	("20030229752"   "5502765"   "5603056"   "5819108"   "5901330"   "5987605"   "6009497"   "6038640"   "6170043"   "6253281"   "6523083"   "6745325").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/27 07:45
S55	0	S53 and ((power near2 on) same (power near2 off))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 07:50
S56	0	S53 and (power near2 on)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 07:51
S57	0	S52 and (power with on)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 07:51
S58	987	S52 and power	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 07:51
S59	164	S53 and power	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 07:51
S60	62	S59 and @py<"2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 08:02
S61	235	((non-volatile near2 memory) same (data near2 updat\$3)).bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 08:03
S62	89	S61 and @py<"2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 08:03
S63	72	S62 and power	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 08:20

## EAST Search History

S64	9787	(non-volatile near2 memory) and (writ\$3 with process)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 08:21
S65	1370	S64 and (object near2 data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 08:22
S66	217	S65 and (power with (on or off))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 08:22
S67	74	S66 and @py<"2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 08:31
S68	452	((non-volatile with ROM) same (writ\$3 near2 data))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 08:32
S69	18	S68 and (object near2 data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 08:32